



WEEK ENDING JUNE 6 & 13, 2014

OPP Weekly Activity Report

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FIELD & EXTERNAL AFFAIRS DIVISION

FEAD Presents to the American Farm Bureau Federation on the Proposed WPS Changes. The American Farm Bureau Federation hosted a webinar on Wednesday, June 11, for its membership and affiliates to highlight the proposed changes to the WPS. Presenter Richard Pont discussed the WPS background, reasons for the rule change, the nature of the proposed changes, the difference in the proposals compared to the current rule, the costs and benefits of the proposals, and how to submit comments to the docket. There was also a brief session for questions from the audience, and many questions focused on the proposal to allow “authorized representatives” of workers or handlers to request WPS-required hazard communication information on their behalf. The other questions were primarily focused on the owner and immediate family exemption and the revised definition of “immediate family,” and the imposition of entry-restricted areas during WPS-covered pesticide applications on farms and forests. There were approximately 20 participants for the webinar. (Richard Pont, 305-6448)

FEAD Represents EPA at Inter-Agency Public Meeting. FEAD represented EPA on June 11 at a public meeting as part of an interagency coordinating group on the Globally Harmonized System of Classification and Labelling of Chemicals. The purpose of the meeting was to seek input from interested parties on several GHS-related working papers and the draft U.S. Government position on each, which will be discussed at a meeting of the U.N. Sub-Committee of Experts on GHS in July in Geneva. Stakeholders provided several comments on proposed changes to the hazard classification of specific substances and mixtures and posed questions on communicating those hazards through labelling. The U.S. delegation, led by OSHA, will consider information from the public meeting in finalizing the U.S. position paper. The U.S. interagency coordinating group includes DOL/OSHA, DOT, EPA, the State Department and USCG. FEAD coordinates GHS work for EPA on relevant working papers. (Martha Shimkin, 305-5160; Lily Negash, 347-8515)

Informational Meeting with Migrant Clinicians Network. On June 4, Amy Liebman, director of the Migrant Clinicians Network’s Environmental and Occupational Health program, briefed OPP staff. The comprehensive EOH program, supported through a cooperative agreement with OPP, titled *From the Fields to the Exam Room: Integrating the Recognition, Management and Prevention of Pesticide Poisonings into the Primary Care Setting*, is aimed at reducing migrant workers’ risks associated with environmental and occupational hazards by improving clinical knowledge and practice. MCN partners with interested federally funded Community and Migrant Health Centers in a year-long collaboration to develop simple, practical and flexible adaptation to integrate EOH into the primary care setting. (Ana Rivera-Lupiañez, 308-6841)

Two Chapters of Label Review Manual Revised and Posted to the Online LRM.

Working with the ITRMD Web Team, FEAD completed some small-scale revisions to Chapters 2 and 10 of the LRM, and these revised versions are now posted to the LRM website. In Chapter 2, the revision, suggested by a group of registrants, was to clarify the text describing Plant Growth Regulators and put that language under a separate heading for PGRs. The Labeling Consistency Committee agreed it was an improvement with no substantive change in policy. For Chapter 10, the revisions occur in Table 5, which includes NIOSH approval numbers for different types of respirators. NIOSH informed us that some of the approval codes we were using were out of date or inappropriate. FEAD worked directly with NIOSH to ensure the correct terminology and code numbers are now incorporated in Table 5. OPP label reviewers should be aware that any version of Chapter 10 that does not have "Revised May 2014" on the title page does not have correct designation codes for some respirators. (Jim Roelofs, 308-2964)

PESTICIDE RE-EVALUATION DIVISION

OPP Publishes Voluntary Cancellation Notice. On June 11, 2014, a notice was published in the *Federal Register* to announce EPA's receipt of requests for the cancellation of 15 pesticide product registrations. All registration cancellations were voluntarily requested by the registrants. EPA is providing a 180-day public comment period on the proposed requests. (John Pates, 703-308-8195)

Propargite Preliminary Work Plan (PWP) Signed. The Propargite PWP was signed on June 9, 2014. Propargite is an organosulfite insecticide (acaricide/miticide) registered for use to control mites on a variety of field, fruit and vegetable crops, as well as ornamentals. There are no registered residential uses of propargite. The PWP explains what the EPA knows about propargite, highlighting anticipated data and assessment needs, identifying the types of information that would be useful in conducting the review of propargite, and the anticipated timeline for completing registration review. The docket is scheduled to open on June 25, 2014 with a 60-day comment period. See docket EPA-HQ-OPP-2014-0131 at www.regulations.gov. (Wilhelmena Livingston, 703-308-8025)

OPP Publishes Registration Review Notice of Availability for Ten Proposed and Proposed Interim Decisions. On June 4, 2014, a notice was published in the *Federal Register* announcing the availability of ten proposed and proposed interim registration review decisions for conventional chemicals. These decision documents are available in each chemical docket identified in the Federal Register Notice at www.regulations.gov (EPA-HQ-OPP-2014-0278) with a 60-day public comment period. The chemicals with decisions appearing in this notice are: Ancyamidol (Christina Scheltema, 703-308-2201); Carbon and Carbon Dioxide (Carissa Cyran, 703-347-8781); DEET (Susan Bartow, 703-603-0065); Denatonium Saccharide (Cathryn Britton, 703-308-0136); Dioctyl Sodium Sulfosuccinate

(Garland Waleko, 703-308-8049); Inorganic Nitrate (Eric Miederhoff, 703-347-8028); Metofluthrin (Veronica Dutch, 703-308-8585); Polybutene Resins (Joel Wolf, 703-347-0228); Sulfur (Tanja Crk, 703-308-8202) and Undecylenic Acid (Garland Waleko, 703-308-8049). This notice also announces the registration review case closure for the pesticide Amitrole (Eric Miederhoff, 703-347-8028). The cancellation of all amitrole product registrations became effective on April 11, 2014 and this action is not open for public comment. (LaTanya Moody, 703-308-8022)

Acibenzolar Final Work Plan Signed. On May 27, 2014, the Final Work Plan (FWP) for Acibenzolar was signed. Acibenzolar induces plant host resistance and has no direct effect on the target species. Acibenzolar is registered to control or suppress plant diseases such as downy mildew on leafy vegetables; blue mold on tobacco; and black root, Fusarium wilt and early season plant-parasitic nematodes on cotton. The acibenzolar docket opened in December 2013. The FWP responds to comments received on the docket from non-governmental organizations, universities, and the registrant. None of the comments received resulted in changes to the anticipated registration review data needs, risk assessments, or timelines. (Dana Friedman, 703-347-8827)

Dimethyl Disulfide (DMDS) Final Work Plan Signed. On May 29, 2014, the Final Work Plan (FWP) for the registration review of DMDS (Case Number 7454) was signed. One public comment was received regarding the Preliminary Work Plan (PWP) from the Center for Biological Diversity; however, the comment received did not result in any changes to the PWP. DMDS was first registered in 2010. DMDS is a broad-spectrum, pre-plant soil fumigant for control or suppression of weeds, soil-borne plant pathogens and nematodes in soils to be planted with fruiting vegetables, cucurbits, strawberries, blueberries, field grown ornamentals, and forest nursery stock. (Garland Waleko, 703-308-8049)

PPDC 21st C Toxicology Workgroup Meeting. On June 4, 2014, the PPDC 21st Century Toxicology / New Integrated Testing Strategies Workgroup met for the group's bi-monthly meeting. The meeting focused on recommendations from the Biomonitoring subgroup on which pesticides would be good candidates for biomarker research and development. EPA gave an update on the OPP workgroup formed to track and implement the metrics subgroup proposal recommendations accepted by the PPDC. The proposal detailed measurable goals that could be set as part of the implementation of metrics for progress on *in vitro* and alternative testing methods. The presentation at the full PPDC meeting to be held June 5-6 was also discussed. The workgroup will hold its next regular bi-monthly meeting on August 20, 2014. (Jennifer McLain, AD, 703-308-0293; Garland Waleko, PRD, 703-308-8049)

ANTIMICROBIALS DIVISION

OPP presents the case for using human studies to evaluate the oral toxicity of iodine to EPA's HSRB:

On June 11, 2014, OPP staff presented the case for using three human studies (Paul et al, 1988, Gardner et al, 1988, LeMar et al, 1995) to evaluate oral toxicity to iodine. These studies were chosen as they represented the studies the National Academy of Science chose to determine a tolerable upper limit of exposure to iodine. The Human Studies Review Board (HSRB) will issue its report on its determination as to whether the three studies were scientifically valid and ethically conducted in approximately 90 days. These studies will be used in the upcoming iodine registration review case and a PRIA action for a new material preservative use [Jonathan Leshin, 703-347-0142]

EPA/Chloroxylenol Stakeholders Meeting: On Wednesday June 4, 2014, AD met with Chloroxylenol stakeholders to discuss the registration review Data Call-In (DCI) requirements related to the materials preservative use. In response to the Registration Review DCI, the technical registrants anticipate canceling their registrations. The end use registrants requested the June 4th meeting to present the impacts of the cancelations on their end use products which are used as material preservatives for x-ray film and medical slides. The stakeholders presented an overview on Chloroxylenol registrations, use patterns, and what they believed to be limited potential exposure based on the remaining niche use. Participants also discussed anticipated data needs, and areas where the risk assessment could be refined with data from Chloroxylenol stakeholders. (Donna Kamarei, 703-347-0443)

OPP Staff Attend ILSI Workshop on Assessment of Respiratory Sensitization

On May 28 and 29, 2014 staff from AD and HED attended the international workshop organized by ILSI Health and Environmental Sciences Institute (HESI) Immunotoxicology Technical Committee in Alexandria, VA. The current understanding of respiratory sensitization (RS) was discussed at the workshop. In general, dermal sensitization (DS) and RS are similar but different in many aspects. Similar to DS, RS also has induction and elicitation phases, when responding to chemical exposure. It appears that both induction and elicitation phases have threshold in triggering effects. Although it is not necessarily an allergic reaction, irritation can trigger/enhance RS response initiated by same and/or other chemicals. Mechanism of RS and different models (both *in vitro* and *in vivo*) may be used to identify RS threshold were reviewed. Regulatory challenges and future research needs were also discussed. (AD: Jonathan Chen, 703-305-1287; Jenny Tao, 703-305-7565 and Michelle Centra, 703-308-2476; HED: Yung Yang, 703-308-2721; Ronnie Bever, 703-308-5147 and Ayaad Asaad, 703-305-0314).

AD Holds Internal Kick-Off Meeting for Device Decision Tree. On Thursday May 29, 2014, AD regulatory staff held an internal kick-off meeting to begin developing a

pesticide device decision tree. One of AD Regulatory Management Branch II's priority activities for FY14, the device decision tree will be a public document that presents a series of questions that will allow individuals to follow EPA's logic in determining whether an item requires FIFRA regulation as a pesticide device, registration as a pesticide product, and/or falls under dual EPA/FDA jurisdiction. The team plans to reconvene throughout June and to complete the decision tree within the current fiscal year. Once the document is made available to the public, AD anticipates a significant reduction in the significant number of inquiries it receives regarding devices. (Demson Fuller, 308-8062).

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

Assessment of Testing Criteria for OECD Quantitative Method Underway. EPA has a contract with Montana State University (MSU) to provide statistical analysis of data associated with antimicrobial test methods. The Agency is interested in developing data-driven recommendations for use of the OECD method for regulatory purposes as it pertains to the number of independent tests (i.e., test days) and laboratories required to maintain a high level of confidence in the outcome of the tests. Using the data associated with the 2012 OECD Collaborative Study on Bacteria, MSU performed additional statistical analyses to determine the testing criteria based on the method's performance and variability across the collaborative labs. The statistical methodology/model used in this analysis has also been employed to generate *pass* and *fail* error rates for the reassessment of the Use-dilution method performance standard. MLB met this week with Dr. Al Parker of MSU to review the initial findings of the analysis. It appears that replicate testing (3 tests per product) will be necessary in a single lab to meet the criteria (5% error rate) proposed by MLB. MLB will provide feedback to MSU to refine the analysis and will share the outcome with BEAD & AD management. (Stephen Tomasino 410-305-2976; Rebecca Pines 410-305-2635)

ISO -17025 Accreditation for the OPP Laboratories. The Analytical Chemistry Branch and Microbiology Laboratory Branch are in the process of renewing their ISO-17025 accreditation (for testing and calibration laboratories) through A2LA, an internationally recognized accreditation body. Every two years, A2LA arranges an assessment of the laboratories. The laboratories must submit the application and a completed checklist and additional documents including organizational charts and proficiency testing results for each lab before the assessments can be performed. The BEAD laboratories have been submitting the required documents and the auditors have been selected. The assessment dates will be scheduled in the near future. (Kiran Verma, 410-305-2957; Paul Golden, 410-305-2960)

Annual International Pesticide Usage Update for BEAD. McDougall-Phillips, a market research firm based in the United Kingdom specializing in pesticide consumption data, presented a world pesticide usage update to OPP BEAD employees on June 10, 2014. Some of the topics covered during the presentation included an overview of the global agrochemical and seed market industries; a review of the historic pesticide market, the regional crop protection market, and the crop protection market for 2013 – 2014; the global trade market outlook for wheat, maize and soybean; and the market usage of corn for ethanol products. The Ukraine, Argentina, Russia, Brazil and Mexico (the highest being the Ukraine) are the current leading countries in the purchasing and consumption of conventional pesticide products. McDougall-Phillips' current agrochemical research and development estimates indicate that the cost for bringing one chemical to market is over \$250 million, and the cost of bringing one biotech trait to fruition through research and development is a little less than \$140 million. (LaVerne Dobbins, 703-308-6378; Steve Jarboe 703-308-8105)

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

Environmental Chemistry Methods (ECM) Index Updated. The ITRMD Web Team worked with EFED to update the ECM Index tables with the Environmental Chemistry Method, Independent Laboratory Validation (ILV) and EPA Review for Ametoctradin, Dichlorprop-P, Ethaboxam, and Flumioxazin. For more information, please visit <http://www.epa.gov/pesticides/methods/ecm-2.html> . (Christine Tran, 703-305-1577; Miriam Organic, 703-605-0583)

Soil Fumigant Tarp Credit Website Updated. The ITRMD Web Team worked with FEAD to include additional tarps to the Soil Fumigant Tarp Credit web page. The tarps listed on this page have been tested for permeability and determined by EPA to qualify for buffer zone reduction credits. This information is available at <http://www.epa.gov/pesticides/tarpcredits/> . (Christine Tran, 703-305-1577)

OPP Intranet Home Page Update. As mandated by OEAE, the ITRMD Web Team added two images to the Image Slider making a total of seven images. The previous version had five images consisting of the Clean Power Plan, Potomac Yard Building, Consumers, Mosquitoes, and Pesticide-Registration-Microsite. The first image is now the "HR LoB is here" and the second image is "One-Time Password", almost identical to the Intranet page. The first image describes that the employees will no longer use myPay and will now be using Employee Express. The second image describes when entering your LAN username and password, you will then be prompted with the one-time-password plus the numeric code. When clicking on the images, it will take you to correct destination. In addition, the People-Plus icon's destination has been change to the new URL. The myPay icon has been change to say "Employee Express/myPay" and with the URL. This is

now available and can be viewed at <http://intranet.epa.gov/pesticides/>. (Feroz Daraseng, 703-347-0623)

Rodenticides Resource Directory Launched – The ITRMD Web Team worked with the OPP/IO to draft web and document pages regarding controlling rodents in preparation for the launch of the rodenticides resource directory in the Drupal WebCMS environment. The resource directory was published on Friday, May 30, 2014. For more information, please refer to the rodenticides home page at <http://www2.epa.gov/rodenticides> . (ITRMD Web Team, 703-605-0564)

New Web Page on Anticoagulant Rodenticides Published. The ITRMD Web Team worked with FEAD to publish a new web page on how to use anticoagulant rodenticides safely while minimizing exposure risks to listed and non-target species. Educational materials are also available for pesticide users. For more information, please visit <http://www.epa.gov/oppfead1/endanger/anti-prairie-dog-bait-prod.html>. (Christine Tran, 703-305-1577)

OPP FOIA Request Status Report – June 02- 06, 2014							
Requests Received		Requests Closed			Requests Open		
FY14	This week	FY14	FYTD	This Week	FY14	Prior Years	Total
372	11	236	315	8	136	237	373

(Ana Espinoza, 703-347-0102)

BIOPESTICIDES & POLLUTION PREVENTION DIVISION

PPDC IPM Workgroup Focuses on Schools. On June 4th, the PPDC IPM Workgroup, under the direction of BPPD, met to review and provide input on the Agency's School IPM efforts. The meeting included a detailed update on the Agency's School IPM activities, with special emphasis on the Center of Expertise for School IPM. The Washington State School IPM Pilot was another focal point with the workgroup providing thoughtful feedback on bolstering the coalition. The meeting concluded with an active discussion on sustaining school IPM not just for the Washington Pilot, but nationally with the workgroup offering suggestions on branding, alternative messages to IPM, and leveraging partners to carry our shared IPM message. The workgroup gave a report-out to the full PPDC on June 5th and the Agency received some constructive input on our efforts and was

praised for having given momentum to school IPM nationally (Frank Ellis, 703-308-8107; Thomas Cook, 214-665-9731)

BPPD Briefs AA Jones on RNAi SAP Report. On June 10, BPPD and FIFRA SAP staff briefed OCSP Assistant Administrator Jim Jones on SAP panel conclusions and recommendations on RNA interference. Discussion topics included BPPD's plan to address the SAP comments. AA Jones provided insight on his vision for developing and achieving a framework to evaluate pesticidal uses of double-stranded RNAs (dsRNA), as RNAi relies on dsRNA as part of its mechanism of action.

Earlier this year, the Agency consulted with the SAP on the EPA's approach to assess the risk of RNAi gene silencing technology for pesticidal purposes. In particular, the EPA sought advice on evaluating the general uncertainties concerning the pesticidal use of dsRNAs, including the potential fate in the environment of dsRNAs engineered into plants or other organisms or applied as a sprayable product. All avenues through which RNAi technology may present a risk to human health and/or the environment were considered by the panel. (Chris Wozniak, 703-308-4043)

BPPD Discusses Research Priorities with USDA-NIFA Awardees On June 5, the Biotechnology Risk Assessment Grants Program (BRAG), administered by the National Institute of Food and Agriculture, held their annual meeting for principal investigators funded through this USDA extramural grants program in Riverdale, MD. USDA-APHIS, FDA-CVM and OPP-BPPD presented their research needs to the researchers as well as providing an overview of the regulatory landscape for agricultural products of biotechnology. The BRAG program was instituted approximately 15 years ago to provide research support to academic, industry and government researchers seeking to address questions of environmental safety arising from the release of genetically engineered organisms. USDA-ARS, USDA-FS and USDA-NIFA contribute 2% of monies listed as biotechnology funding on various CRIS projects to ensure adequate support for the program which seeks to address questions relevant to USG regulators. The use of double stranded RNA as a pesticide was the subject of a recent SAP and leads the list of research needs for BPPD (Chris Wozniak, 308-4043).

National Plant Genome Initiative Five-Year Plan: 2014-2018 The White House Office of Science and Technology Policy (OSTP) has signed and approved the National Plant Genome Initiative Five-Year Plan: 2014-2018. There are six major objectives for the next five years of the NPGI.

Objective 1: Develop a new generation of databases and tools to enable every step in the innovation chain from basic discovery to translation into practical application and widespread use.

Objective 2: Create a network of plant germplasm resources to meet the Nation's research and breeding needs for the 21st century

Objective 3: Build tools to advance our understanding of plant biology and translate this knowledge into precision plant breeding for the development of sustainable systems for food, bioenergy, and industrial feedstock production

Objective 4: Empower the workforce to use a new generation of tools and resources

Objective 5: Build public-private partnerships to advance the translation of basic discoveries into practical application and support innovation in the practice of agriculture

Objective 6: Strengthen international partnerships to bring the benefits of new discoveries to all

The document is available from the Whitehouse website

(<http://www.whitehouse.gov/administration/eop/ostp/library/docsreports>) and the NSTC website

(<http://www.whitehouse.gov/administration/eop/ostp/nstc/docsreports>).

ENVIRONMENTAL FATE & EFFECTS DIVISION

Meeting with USGS Team on Bulletins Live Two. On June 10 and 11, staff from EFED met with the developers of Bulletins Live Two (BLT) from the U.S. Geological Survey (USGS) to discuss the status of BLT. BLT is an upgraded web-based application intended to replace the existing Bulletins Live system, which includes geographically specific pesticide use limitations intended to protect endangered or threatened species and their designated critical habitat. Currently, Bulletins Live is a static, county-based system with limited resolution, making it difficult for users to determine whether pesticide use limitations occur within specific geographic areas. BLT is a dynamic, geocoded system in which the user can input their address and zoom in or out to better determine if the pesticide limitation applies to them. The purpose of the meeting with USGS developers was to discuss necessary updates to the public and back end of the application, including functions for creators and publishers of Bulletins, a tool for enforcement, printable Bulletins, and options for hosting. EFED expects to make BLT available by the end of FY2014 (Melissa Grable, 703-308-3953, Jennifer Connolly, 703-347-0504 and Anita Pease, 703-305-0392).

Corn Dust Research Consortium Steering Committee. On June 10, EFED staff participated in a conference call with the Corn Dust Research Consortium Steering Committee (CDRC). The CDRC is supported by the Pollinator Partnership and is a multi-stakeholder initiative formed to fund research with the goal of reducing honey bee exposure to dust emitted from pneumatic seed equipment during pesticide-treated seed planting (referred to as fugitive dust). The CDRC is funding four studies in 2014 at universities in the U.S. and Canada; these studies are intended to build on research conducted in 2013. The research is being used

to develop recommendations on how to reduce fugitive dust and thereby reduce potential exposure to bees that may be foraging in the vicinity of fields where treated corn seeds are being sown. During the conference call, participants discussed venues for disseminating research results and recommendations to stakeholders (e.g., growers, applicators, equipment manufacturers, beekeepers). The CDRC hopes to synthesize information from research conducted in 2013 and 2014 in time to inform the 2015 planting season. (Tom Steeger, 703-305-5444).

OPP Meets with OW on Atrazine Monitoring. Atrazine team members from EFED and PRD met with staff and managers from the Office of Water (Office of Wetlands, Oceans and Watersheds (OWOW) and Office of Science and Technology (OST)) to discuss current activities related to the Registration Review of atrazine in OPP and the National Lakes Assessment (NLA), which OWOW is evaluating. The NLA 2012 is one in a series of national surveys of the condition of the nation's waters that is designed to estimate the percentage of lakes that are in good, fair, or poor condition. NLA 2012 included atrazine as an analyte. As a follow up to a meeting a few weeks ago where OWOW presented information on the NLA 2012, OPP gave a brief analysis of the ongoing atrazine ecological monitoring program, which is required as part of the 2003 IRED. OPP also discussed the development of the atrazine level of concern and bias factors, among other topics. OW and OPP agreed to collaborate further on the data analysis and interpretation of the atrazine monitoring programs and will continue to share information as it becomes available. (Dana Spatz, 703-305-6063; Jim Hetrick, 703-305-5237; Frank Farruggia, 703-347-0231; Amy Blankinship, 703-347-8062).

HEALTH EFFECTS DIVISION

HED Staff Participate in Meeting on Volatilization Screen with CropLife America (CLA): Staff from HED and EFED participated in a meeting with CLA discussing HED's volatilization screen, which is currently available for public comment. Discussions focused on refinement of the screen and potential data requirements in terms of toxicity and exposure data. CLA will be submitting formal comments on the screen and suggested having a public workshop on these issues in the future. The comment period closes July 11th. (Billy Smith, 305-0291; Jeff Dawson, 305-7329)

HED Staff Participate in Fumigant Ambient Air Meeting with Chloropicrin Manufacturer's Task Force (CMTF) and Metam Sodium Task Force (MTF): Staff from HED, PRD, and EFED participated in a meeting with CMTF and MTF to discuss the status of the ambient air studies required for chloropicrin and metam sodium under Reregistration. Both task forces presented general protocol issues related to site selection, sampling and the potential for modeling fumigant ambient air exposures in the future. Additional chemical specific issues around sampling sites,

sampling times, and sampling frequency were discussed separately with each task force. Both task forces will be submitting final protocols in the coming months with the goal to begin the studies before the end of 2014. (Billy Smith, 305-0291; Jeff Dawson, 305-7329)

OPP Presents During the Pesticide Data Program (PDP) Federal State Meeting in Manassas, VA:

PDP held their annual Federal-State meeting over two days in Manassas, VA on June 2/3. This meeting is held between the PDP Headquarter and various state labs (North Carolina (sampling), Maryland (sampling), Colorado, Washington, Michigan, New York, California, Florida, Ohio, and Texas) to coordinate sampling plans and finalize decisions over the coming year regarding selection of commodities to sample. Problems and issues with respect to sampling, analytical methods, and data entry are also discussed. At the meeting, PDP provided an update on commodity sampling and indicated that the continuing commodities are: blueberries, broccoli, carrots, celery, cherries, grape juice, green beans (fresh and canned/frozen), infant formula (dairy-based and soy-based), nectarines, oats, peaches, rice, and summer squash. PDP will end sampling bananas, oats, grape juice, infant formulas, summer squash, rice, and salmon, in 2014 while starting watermelon monitoring in July of 2014.

With respect to other presenters, Jack Housenger gave introductory comments thanking PDP for their work monitoring our nation's food supply for pesticide residue to support both the growers and consumers. In addition, a number of other presenters representing several Federal agencies and trade associations were there and provided updates on their activities. These included: Terry Councell (Director of Regulatory Chemistry, CFSAN/FDA), Ruihong Guo (USDA/AMS /S&T Acting Deputy Administrator), Claire Thorpe (Crop Life America), Cheryl Cleveland (Dietary Assessment Working Group, Crop Life America), and Mark Wirtz (Total Diet Study/FDA). Mark Rasmusan of USDA's Foreign Agricultural Service and Patty Bennett from USDA's Food Safety and Inspection Service also presented on their agency activities as did David Hrdy on ongoing work in HED. (David Hrdy, 305-6990)

HED Staff Attends Migrant Clinicians Network Presentation: OPP staff including participants from HED and FEAD met with Amy Liebman from Migrant Clinicians Network (MCN) for a presentation on MCN's work to train rural health clinicians to diagnose and treat patients with pesticide illnesses. This project is largely funded through a cooperative agreement with EPA/OPP and MCN. Topics included the healthcare training tools and techniques used, including training on and distribution of the new edition of the Recognition and Management of Pesticide Poisonings manual. Also discussed were some underlying incident underreporting contributors including: the multifactorial challenges to getting vulnerable populations, particularly farmworkers, to seek medical care, realities of clinicians' limited training on Environmental and Occupational Health particularly pesticides,

and a lack of awareness of state requirements for reporting pesticide incidents. (Elizabeth Evans, 305-7891)

REGISTRATION DIVISION

Conference Call Between EPA and The Health Canada Pest Management Regulatory Agency (PMRA) to Discuss Joint Review on S-Metolachlor

On June 4, 2014, OPP representatives from the Registration Division and the Health Effects Division participated in a conference call with PMRA to discuss a joint review of data submitted for a tolerance of s-metolachlor on the cucurbit vegetable group 9. The petition submitted by Inter-Regional Research Project Number 4 (IR-4) is also for lettuce, the low growing berry subgroup 13-07G (except cranberry), the sunflower subgroup 20B, and a crop group conversion for the fruiting vegetable group 8-1; however, the joint review is for the squash and cantaloupe data only. The meeting was productive and resulted in an agreement on the schedule for review and that EPA would take the lead on the review of the field trial data and PMRA would conduct the secondary review. The joint review will further strengthen our efforts to align tolerances/maximum residue limits (MRLs) between the United States and our neighbors to the north. (Andrew Ertman, 703-347-8728)

Fipronil Section 18 Notice of Receipt Published On June 4, 2014, the *Federal Register* published a Notice announcing the receipt of an application from the Oregon Department of Agriculture requesting a Section 18 emergency exemption for the use of fipronil on up to 600 acres of turnips and rutabagas to control the cabbage maggot. The Notice published in accordance with 40 CFR 166.24(a)(7) since the applicant proposes an IR-4 (Interregional Research Project Number 4) supported use which has been requested in 5 or more previous years, and a petition for tolerance not yet submitted to the Agency. The comment period ends on June 19, 2014. (Andrea Conrath, 703/308-9356)

EPA and Interregional Research Project Number 4 (IR-4) Minor Use Technical Working Group (TWG) Meeting

On June 10, 2014, EPA/IR-4 Minor Use TWG met at Potomac Yard to discuss regulatory, technical, policy, and coordination issues related to minor crops pest management. Barbara Madden (RD) chaired the meeting which included attendees and/or teleconferencing participants from EPA, IR-4, California Department of Pesticide Regulation (CDPR), Health Canada ***Pest Management Regulatory Agency (PMRA)***, and Canada's Pest Management Centre (PMC). In attendance from the Taiwan Bureau of Animal and Plant Health Inspection and Quarantine was Dr. Yu-Tang Hung, who came to the meeting with IR-4 in order to better understand the IR-4 program and its activities with EPA. The morning session began with introductions and program overviews from Jack Housenger (Director/OPP), Lois Rossi (Director/RD), Dana Vogel (HED) and Jerry Baron (IR-4). Donna Davis and Don Wilbur (HED) discussed health effects issues

and provided responses to several questions asked of the HED Chemistry Advisory Council (ChemSAC). Pete Caulkins (OPP/IO) provided an update on the Public Interest Finding regarding the IR-4 PRIA (Pesticide Registration Improvement Act) exemption and submissions to the Agency. Jerry Barron also inquired if the recent change in IR-4's mission to work on specialty crops as discussed in the Farm Bill would result in a change as to what the EPA considers in the public interest. To begin the afternoon session, Barbara Madden discussed Phase IV of the Crop Grouping Project, and Bernie Schneider provided an update on pending submissions with the EPA. Bill Barney briefed the group on the next groups to be submitted to the Agency. Next, Najme Minhaj (CDPR) updated the group on what is going on in California. She discussed the ongoing workshare projects between EPA and CDPR; including the status of their review of pronamide lettuce data and novaluron on avocado, carrot, cucumber, and lima bean. Shirley Archambault (PMC) and Susan Wong (PMRA) briefed the group on the ongoing joint reviews. Next there was a discussion with Mike Doherty and Donna Davis (HED), PMRA, IR-4 and PMC regarding the Regulatory Cooperation Council (RCC) project for the reduction in field trials. Dan Kunkel (IR-4) updated the group on the Global Minor Use Steering Committee Activities. To round out the day, the group agreed on a tentative date of December 9, 2014 for the next TWG meeting. (Andy Ertman, 703/347-8728)

"Another Day on the DelMarVa" IR-4 Field Tour a Great Success On June 11, 2014, over 40 members of RD, BPPD, HED, FEAD, PRD, and ITRMD participated in a field trip to Delaware and Maryland, sponsored by the Interregional Research Project Number 4 (IR-4). The trip started in the rain, but the weather cleared by the time the bus reached its first destination: the University of Delaware's Carvel Research & Education Center in Georgetown, Delaware. The visit included a wagon ride tour of research plots where Mark VanGessel (a weed scientist) talked about weed resistance and management of the resistance on the Eastern Shore; Joanne Whalen (University of Delaware/UDel extension) discussed the impact of invasive pests (particularly spotted wing drosophila and brown marmorated stinkbug) in fruit/other crops on the DelMarVa and Emmalea Ernest (UDel extension) enlightened the group about pea research and processing. Next was a stop at the Lower Eastern Shore Research & Education Center (LESREC) in Salisbury, Maryland where during lunch, Dean Burroughs (Master Beekeeper, President of MD Beekeepers Association and Lower Eastern Shore Apiary Inspector) discussed the status of honey bee health/management in Maryland and on the Eastern shore, as well as the impact of new pesticide labeling related to pollinators and the value of native bees. Then there was a tour of IR-4 Field Research GLP (good laboratory practice) field trials and organic plant pathology research plots. The third stop was at the Bay Water Greens in Hebron, Maryland, a 6th generation family farm. The tour of the hydroponic greenhouse greens production system, where they grow Bibb lettuce, Romaine lettuce and spring lettuce mix. This hydroponics system is on the cutting edge of agricultural production in the 21st

century. The last stop was Wright's Market, in Mardela Springs, Maryland for a visit of 4th generation farm and market along Route 50, where they market pick-your-own strawberries and much of their own produce. The group had a visit of their "garden" of vegetable crops destined for their market and learned about pest management/pesticide labeling issues they encounter with daily exposure to the public. His use of bumble bees for pollination was of particular interest to the group. The well-designed itinerary and hospitality of the hosts made for a very successful trip. (Andrew Ertman, 703/347-8728)

Registration Actions Granted Under FIFRA Section 18 Emergency Exemptions					
State/Federal Agency	Chemical Emergency Exemption Number	Product Name EPA Reg/ File Symbol	Crop/Site	Pest	Authorization Date
Specific Exemption(s):					
Wyoming	Diflubenzuron 14-WY-02	Dimilin 2L (400-461)	Alfalfa	Grasshoppers and Mormon Crickets	6/6/2014
Andrea Conrath, 703/308-9356					

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Cymoxanil	Oxon Italia S.P.A.	35915-16	R352	6/2/2014	6/2/2014
Hope Johnson, 703/305-5410					
Difenoconazole	Syngenta Crop Protection, LLC	100-1526	R314	6/2/2014	5/30/2014
Fenamidone	Bayer CropScience LP	264-693 264-695	R170	6/11/2014	6/2/2014
Rosemary Kearns, 703/305-5611					
Ethoxyquin	Burrows Paper Corporation	85199-4	R351	6/16/2014	6/2/2014
Lindsay Roe, 703/347-0506					
The Herbicide Branch granted:					
Quizalofop-p-ethyl	Nissan Chemical Industries Ltd.	33906-10	R351	6/16/2014	6/4/2014
Thifensulfuron	Rotam Limited	81598-7	R351	6/9/2014	6/5/2014
Juanita Gilchrist, 703/305-6965					
Quinclorac	FMC Corporation Agricultural Products Group	279-3469 279-3470	R310	10/6/2014	6/5/2014
Mindy Ondish, 703/605-0723					
Glufosinate	Orion GFS, LLC	88685-3	R351	6/4/2014	6/4/2014
				9/10/2014	6/4/2014
Grant Rowland, 703/347-0254					
The Insecticide Branch granted:					
Deltamethrin	Sergeant's Pet Care Products, Inc.	2517-166	R301	6/9/2014	6/3/2014
Linda DeLuise, 703/308-5428					

The Insecticide-Rodenticide Branch granted:					
Thiamethoxam	Syngenta Crop Protection, LLC	100-1528	R314	6/16/2014	6/3/2014
Julie Chao, 703/308-8735					
Abamectin	Willowood Abamectin, LLC	89349-1	R351	7/18/2014	6/5/2014
Jessica Rogala, 703/347-0263					
PRIA Categories					
R170 – Additional food use ⁽³⁾ ⁽⁴⁾ ; R301 – New product; or similar combination product (already registered) to an identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner ⁽²⁾ ⁽³⁾ ; R310 – New end-use or manufacturing-use product with registered source(s) of active ingredient(s); includes products containing two or more registered active ingredients previously combined in other registered products; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging ⁽²⁾ ⁽³⁾ ; R314 – New end use product containing two or more registered active ingredients never before registered as this combination in a formulated product; new product label is identical or substantially similar to the labels of currently registered products which separately contain the respective component active ingredients; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging ⁽²⁾ ⁽³⁾ ; R351 – Amendment adding a new unregistered source of active ingredient ⁽²⁾ ⁽³⁾ ; and R352 – Amendment adding already approved uses; selective method of support; does not apply if the applicant owns all cited data ⁽²⁾ ⁽³⁾ .					

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Azoxystrobin	Willowood, LLC	87290-56	R301	6/13/2014	6/11/2014
Erin Malone, 703/347-0253					
Copper hydroxide	NuFarm Limited	35935-103	R333	6/19/2014	6/12/2014
Copper carbonate	Burrows Paper Corporation	85199-11	R351	6/16/2014	6/12/2014
Ethephon	Redeagle International LLC	85678-4	R351	6/18/2014	6/9/2014
Lindsay Roe, 703/347-0506					
Azoxystrobin	Greensfields Marketing Ltd.	89966-2	R333	6/23/2014	6/9/2014
Shaunta Hill, 703/347-8961					
The Herbicide Branch granted:					
2,4-D, 2-ethylhexyl ester	PBI/Gordon	2217-995	R300	6/25/2014	6/10/2014
Bethany Benbow, 703/347-8072					
Glyphosate-isopropylammonium	Albaugh, LLC	42750-269	R300	7/24/2014	6/12/2014
Erik Kraft, 703/308- 9358					
Bromoxynil octanoate	Bayer CropScience LP	264-1168	R301	6/24/2014	6/10/2014
Glyphosate	Tide International, USA, Inc.	84229-30	R334	6/30/2014	6/12/2014
Maggie Rudick, 703/347-0257					
Glufosinate	Albaugh, LLC	42750-258	R334	6/12/2014	6/10/2014
Grant Rowland, 703/347-0254					
The Insecticide Branch granted:					
Phenothrin	The Hartz Mountain Corporation	2596-177	R315	6/27/2014	6/10/2014
Carmen Rodia, 703/306-0327					
Hexythiazox	Sharda USA LLC	83529-28	R340	6/27/2014	6/6/2014
DDVP	Amvac Chemical Corporation	5481-13	R340	6/6/2014	6/6/2014
Carlyn Petrella, 703/347-0439					

The Insecticide-Rodenticide Branch granted:					
Diflubenzuron	Champion Farmaquimico Ltd.	85905-8	R310	7/27/2014	6/10/2014
Dani Daniel, 703/305-5409					
Imidacloprid	Bayer Environmental Science	432-1506	R340	8/4/2014	6/10/2014
Gene Benbow, 703/347-0235					
PRIA Categories					
<p>R300 – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackage of registered end-use or manufacturing-use product that requires no data submission or data matrix (3) (4); R301 – New product; or similar combination product (already registered) to an identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner (2) (3); R310 – New end-use or manufacturing-use product with registered source(s) of active ingredient(s); includes products containing two or more registered active ingredients previously combined in other registered products; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging (2) (3); R315 – New end use product containing two or more registered active ingredients never before registered as this combination in a formulated product; new product label is identical or substantially similar to the labels of currently registered products which separately contain the respective component active ingredients; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging (2) (3); R333 – New product; MUP or end-use product with unregistered source of active ingredient; requires science data review; new physical form; etc.; cite-all or selective data citation where applicant owns all required data (2) (3); and R340 – Amendment requiring data review within RD (e.g., changes to precautionary label statements) (2) (3).</p>					